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Database :
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Listing first 45 summaries
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22
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result

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A;Gene: anxI C;Superfamily: annexin I; annexin repeat homology C;Keywords: calcium binding; phospholipid binding

A:Cross-references: EMBL:S64951; NID:g408871; PIDN:AAB28036.1; PID:g408872 A:Note: the authors translated in fig. 3 the codon CTG for residues 8, 87; C:Genetics:

for residues 8, 87 and 95 as

н

A; Molecule type: mRNA A; Residues: 1-130 <SID>

C;Accession: S36103 R;Sidis, Y.; Horseman, N.D. FEBS Lett. 329, 296-300, 19

B

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TREST Lett. 329, 296-300, 1993

TREST THE Ninge region of chicken annexin I contains no site for tyrosine phosphor A; Reference number: S36103; MUID:93374034

A; Accession: S36103

ALIGNMENTS

RESULT S36103 hypothetical protein asr7595 [imported] - Anabaena sp. (strain PCC 7120) plasmid pCC7 C; Species: Anabaena sp.
A; Note: Anabaena sp. (strain PCC 7120) is a synonym of Nostoc sp. strain PCC 7120 C; Date: 14-Dec-2001 #sequence_revision 14-Dec-2001 #text_change 11-Jan-2002 C; Accession: AH2538 R; Kaneko, T:; Nakamura, Y:; Wolk, C.P.; Kuritz, T.; Sasamoto, S.; Watanabe, A.; Irigu Nakazaki, N.; Shimpo, S.; Sugimoto, M.; Takazawa, M.; Yamada, M.; Yasuda, M.; Tabata A; Title: Complete Genomic Sequence of the Filamentous Nitrogen-fixing Cyanobacterium A; Reference number: AB1807; MUID:21595285; PMID:11759840 A; Accession: AH2538 annexin I - chicken (fragment)
N;Alternate names: lipocortin I
C;Species: Gallus gallus (chicken)
C;Date: 10-Dec-1993 *sequence_revision 26-Jul-1996 *text_change 13-Aug-1999
C;Date: 10-Dec-1993 *sequence_revision 26-Jul-1996 *text_change 13-Aug-1999 Query Match Best Local Similarity ~~+~hes 5; Conserva A;Gene: asr7595 A;Genome: plasm A;Cross-references: GB:AP003602; PIDN:BAB77238.1; PID:g17134680; GSPDB:GN00181 A;Experimental source: strain PCC 7120 C;Genetics: A;Status: preliminary A;Molecule type: DNA A;Residues: 1-64 <KUR> 33 AMVSE 37 1 AMVSE 5 plasmid Conservative 100.0%; Score 22; DB 100.0%; Pred. No. 15; 0; Mismatches DB 2; Length 64; ,, Indels

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Gaps

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C;Accession: S68609

R;Paulsen, I.T.; Gillespie, M.T.; Littlejohn, T.G.; Hanvivatvong, O.; Rowland, S.J.; Dyk Gene 141, 109-114, 1994

A;Title: Characterisation of sin, a potential recombinase-encoding gene from Staphylococa; Reference number: S68609; MUID:94215871

A;Accession: S68609
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C;Keywords: DNA binding
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RESULT
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C;Species: Staphylococcus aureus
C;Date: 19-Mar-1997 #sequence_revision 25-Apr-1997 #text_change 26-Aug-1999
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C; Superfamily: transposase repress
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A; Residues: 1-171 < ROW>
A; Cross-references: EMBL: X16298
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C:Species: Staphylococcus aureus
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A; Residues: 1-202 <PAU>
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   A; Accession: C83240
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hypothetical protein F58B3.3 - Caenorhabditis elegans C.Species: Caenorhabditis elegans C.Species: Caenorhabditis elegans C.Species: Foot-1999 #sequence_revision 15-Oct-1999 #text_change 09-Jun-2000 C.Accession: T22896 R.Harris, B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             hypothetical protein F58B3.2 - Caenorhabditis elegans
C;Species: Caenorhabditis elegans
C;Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 20-Jun-2000
C;Accession: T22895
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A;Introns: 69/1
C;Superfamily: Caenorhabditis elegans hypothetical protein F58B3.3
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A; Residues: 1-214 <WIL>
A; Cross-references: EMBL: 273427; PIDN: CAA97801.1; GSPDB: GN00022; CESP: F58B3.3
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                                          .; Lory, S.; Olson, M.V. Nature 406, 959-964, 2000
                                                                              C;Accession: C83240
R;Stover, C.K.; Pham, X.O.; Erwin, A.L.; Mizoguchi, S.D.; Warrener, P.; adman, S.; Yuan, Y.; Brody, L.L.; Coulter, S.N.; Folger, K.R.; Kas, A.;
                                                                                                                                                          probable transcription regulator PA3249 [imported] - Pseudomonas aeruginosa (strain C; Species: Pseudomonas aeruginosa C; Date: 15-Sep-2000 #sequence_revision 15-Sep-2000 #text_change 31-Dec-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A;Molecule type: DNA
A;Residues: 1-215 <WIL>
A;Cross-references: EMBL:Z73427; PIDN:CAA97800.1; GSPDB:GN00022; CESP:F58B3.2
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A; Title: Complete genome sequence of Pseudomonas aeruginosa PA01, an opportunistic pa A; Reference number: A82950; MUID: 20437337
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A;Molecule type: protein
A;Residues: 13-15,'X',17,'X',19-28,'X',30-50 <HA2>
A;Residues: H.T.; Mangill, J.A.; Gao, Y.; Jones, J.
submitted to GenBank, October 1992
                                                           A; Reference number: A38909
A; Accession: A38909
                                                                                                                                                                                                                                                                                                                                                                                                                             annexin I type 2 - pigeon
N;Alternate names: calpactin II; calpactin/lipocortin homolog; cp37 protein; cropsac 37K
C;Species: Columba livia (domestic pigeon)
C;Date: 31-Dec-1993 #sequence_revision 26-May-1994 #text_change 22-Jun-1999
C;Accession: A44118; B44118; A38909; I51112
R;Haigler, H.T; Mangili, J.A.; Gao, Y.; Jones, J.; Horseman, N.D.
J Biol. Chem. 267, 19123-19129, 1992
A;Title: Identification and characterization of columbid annexin Icp37. Insights into the A;Accession: A44118; MUID:92406850
                                                                                                                                                                                                                                                                                  A; Note: sequence extracted from NCBI backbone (NCBIN:113807, A; Accession: B44118
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A; Residues: 1-343 <HAI>
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Nature 413, 848-852, 2001

A;Authors: Parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, n., A;Authors: parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, N.; Ste
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A; Residues: 1-246 < PAR>
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A;Molecule type: DNA
A;Residues: 1-238 <STO>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                hypothetical protein STY4786 [imported] - Salmonella enterica subsp. enterica serovar T
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Moule, S.; O'Gaora, P.
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                                                                                                                                                           Gao, Y.; Jones, J.; Horseman,
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171 AMVSE 175

human

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A; Gene: SSO2002
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A; Accession: H90366
                                                                                                                                                                                                  A; Molecule type: DNA
A; Residues: 1-345 <KUR>
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F:283-299/Region: endonexin fold #status predicted
F:22/Modified site: acetylated amino end (Ala) (in m
F:21/Binding site: phosphate (Tyr) (covalent) (by F:24/Binding site: phosphate (Ser) (covalent) (by F:24/Binding site: phosphate (Ser) (covalent)
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                                                                                                                                                                         A;Cross-references: GB:AE006641; NID:g13815281; PIDN:AAK42191.1; GSPDB:GN00155
                                                                                                                                                                                                                                        A; Status: preliminary
                                                                                                                                                                                                                                                                                               A;Description: Sulfolobus solfataricus complete genome
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F;124-140/Region: endonexin fold #status predicted
F;196-268/Domain: annexin repeat homology <AX3>
F;208-224/Region: endonexin fold #status predicted
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C;Superfamily: annexin I; annexin repeat homology
C;Superfamily: annexin I; annexin repeat homology
C;Keywords: acetylated amino end; calcium binding;
F;2-342/Product: annexin I #status predicted <AMT>
F;41-112/Domain: annexin repeat homology <AX1>
F;52-68/Region: endonexin fold #status predicted
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A; Residues: 1-154 <GAO>
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A;Cross-references: GB:M91008; NID:g213521; PIDN:AAA49447.1; PID:g213522
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                                          Matches
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1 AMVSE 5
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Pred. No. 92;
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(by protein kinase C) #status pred
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History B.B.; Sinclair, L.K.; Chow, E.P.; O'Brine-Green Biochem. J. 263, 97-103, 1989
A;Title: A dimeric form of lipocortin-1 in human placenta. A;Reference number: A38842; MUID:90104259
A;Accession: A38842
A;Molecule turn
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Science 237, 992-998, 1987
A;Title: Characterization by tandem mass spectrometry of structural modifications in property characterization by tandem mass spectrometry of structural modifications in property.
A;Reference number: A38843; MUID:87292145
A;Ref
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    N;Alternate names: calpactin II; lipocortin I; p35; phospholipase A2 inhibitory protein C;Species: Homo sapiens (man)
C;Date: 04-Dec-1986 #sequence_revision 30-Sep-1992 #text_change 22-Jun-1999
C;Accession: A03080; A28641; A38842; A34459; S07909; S28846
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A;Title: Location of sites in human lipocortin I that are phosphorylated by protein tyro
A;Reference number: A28641; MUID:88309771
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A;Accession: A03080
A;Molecule type: mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   R; Wallner, B.P.; Mattaliano, R.J.; Hession, C.; Cate, R.L.; Tizard, R.; Sinclair,
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             Nature 320, 77-81,
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J. Biol. Chem. 264, 17222-17230, 1989
A;Title: Characterizations of two distinct Ca(2+)-dependent phospholipid-binding A;Reference number: A34459; MUID:90008880
A;Accession: A34459
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        F;276-346/Domain: annexin fold #status prodicted r:276-346/Domain: annexin fold #status prodicted r:276-346/Domain: annexin repeat homology <AX3>
F;287-302/m
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A;Map position: 9q11-9q22
A;Introns: 22/3; 59/1; 90/3; 128/3; 159/1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ctivity. Unphosphorylated it is a potent inhibitor of the enzyme, mimicking the ameliora pids. Phosphorylation of annexin I results in loss of its inhibitory activity. C;Comment: This protein contains four homologous repeats. Each contains an "endonexin for the contains and the contains are not contains and the
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A; Residues: 30-45;82-97;114-128;148-161;275-281 <HAY>
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287-303/Region: endonexin fold
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F;2/Modified site: acetylated amino end (Ala) (in mature form) #status experimental F;21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status experi F;27/Binding site: phosphate (Ser) (covalent) (by protein kinase C) #status experimen F;43/Binding site: carbohydrate (Asn) (covalent) #status absent F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimen F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site:
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C;Date: 13-Jan-1995 #sequence_revision 05-
C;Accession: S28228; A60851
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F:212-228/Region: endonexin fold #status predicted
F:272-346/Domain: annexin repeat homology <AX4>
F:287-303/Region: endonexin fold #status predicted
F:287-303/Re
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C;Superfamily: annexin I; annexin repeat homology C;Superfamily: annexin I; annexin trepeat homology C;Reywords: blocked amino end; calcium binding; du F;2-346/Product: annexin I #status predicted <MAT>
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J. Cell Biol. 104, 503-511, 1987
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A;Title: Epitope mapping of annexin I: antibodies that compete with phospholipids and
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A; Residues: 1-346 <ERN>
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F;128-144/Region: endonexin fold #status predicted
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F:200-272/Domain: annexin repeat homology cAX3>
F:212-228/Region: endonexin fold #status predicted
F:276-346/Domain: annexin repeat homology cAX4>
F:287-303/Region: endonexin fold #status predicted
F:287-303/Region: endonexin fold #status predicted
F:287-303/Region: endonexin fold #status predicted
F:24/Modified site: acetylated amino end (Ala) (in mature form) #status predicted
F:21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status predicted
F:27/Binding site: phosphate (Ser) (covalent) (by protein kinase C) #status predicted
F:43/Binding site: carbohydrate (Asn) (covalent) #status absent
F:216/Binding site: phosphate (Thr) (covalent) (by CAMP-Gependent kinase) #status models
F:216/Binding site: phosphate (Thr) (covalent) (by CAMP-Gependent kinase) #status models
                                                                                                                                                                                                                                                                                                                                                                         F:56-72/Region: endonexin fold #status predicted F:117-188/Domain: annexin repeat homology <AX2> F:128-144/Region: endonexin fold #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           C:Superfamily: annexin I; annexin repeat homology C:Keywords: acetylated amino end; calcium binding; F:2-346/Product: annexin I #status predicted <MAT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C;Comment: Annexin I has been shown to be both an intracellular and an extracellular proctivity. Unphosphorylated it is a potent inhibitor of the enzyme, mimicking the ameliora pids. Phosphorylation of annexin I results in loss of its inhibitory activity.
C;Comment: This protein contains four homologous repeats. Each contains an "endonexin for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A; Title: Identification and characterization of alpha-protein kinase A; Reference number: A53507; MUID:94153907
A; Accession: B53507
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A; Residues: 1-321, 'S', 323-346 <ROV>
A; Cross-references: GB:S57478; GB:J05339; NID:g235878; PIDN:AAB19866.1; PID:g235879
R; Pepinsky, R.B.; Sinclair, L.K.; Browning, J.L.; Mattaliano, R.J.; Smart, J.E.; Chow, J. Biol. Chem. 261, 4239-4246, 1986
A; Title: Purification and partial sequence analysis of a 37-kDAa protein that inhibits
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A;Residues: 27-50;54-71;82-97;111-123,'L',124;129-134,'EX',137-138,'X',140;155-161;167-R:Hyatt, S.L.; Liao, L.; Chapline, C.; Jaken, S.
Biochemistry 33, 1223-1228, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A; Introns: 22/3; 59/1;
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A; Residues: 59-64, 'T', 66;82-97 <HYA>
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Blochemistry 30, 9015-9021, 1991
A;Title: Correlation of gene and protein structure of rat and human lipocortin A;Reference number: A40301; MUID:91369906
A;Accession: A40301
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A; Title: Rat lipocortin I CNA.
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A; Residues: 1-346 <TAM>
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A:Accession: A26841
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R;Tamaki, M.; Nakamura E.; Nishikubo, C.; Sakata, T.; Shin, M.; Teraoka,
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A; Residues: 1-346 <SHI>
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A;Accession: JT0303
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        ;216/Binding site: phosphate (Thr) (covalent)
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                 (by
cAMP-dependent kinase) #status predic
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A;Map position: 19
A;Map position: 19
A;Introns: 22/3; 59/1; 90/3; 128/3; 159/1; 185/3; 204/3; 236/1; 268/1; 287/3; 328/3
C;Superfamily: annexin I; annexin repeat homology
C;Keywords: acetylated amino end; calcium binding; duplication; endonexin fold; glyco
F;2-346/Product: annexin I #status predicted <AMT>
F;2-346/Product: annexin repeat homology <AX1>
F;45-116/Domain: annexin repeat homology <AX1>
F;56-72/Region: endonexin fold #status predicted
F;117-188/Domain: annexin repeat homology <AX2>
F;128-144/Region: endonexin fold #status predicted
                    F;276-346/Domain: annexin roid #status predicted
F;287-303/Region: endonexin fold #status predicted
F;287-303/Region: endonexin fold #status predicted
F;22/Modified site: acetylated amino end (Ala) (in mature form) #status predicted
F;21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status predicted
F;27/Binding site: phosphate (Ser) (covalent) (by protein kinase C) #status predicted
F;43/Binding site: carbohydrate (Asn) (covalent) #status predicted
F;416/Binding site: phosphate (Thr) (covalent) #status predicted
                                                                                                                                                                                                                                                                F;128-144/Region: endonexin fold #status predicted F;200-272/Domain: annexin repeat homology <aX3> F;212-228/Region: endonexin fold #status predicted F;212-228/Region: endonexin fold #status predicted
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A; Residues: 1-211, '1', 213-346 <HOR>
A; Residues: 1-211, '1', 213-346 <HOR>
A; Cross-references: GB: M69260; NID: g198843; PIDN: AAA39437.1; PID: g198845
A; Note: the authors translated the codon ATT for residue 212 as Arg
R; Philipps, C.; Rose-John, S.; Rincke, G.; Fuerstenberger, G.; Marks, F.
Biochem. Biophys. Res. Commun. 159, 155-162, 1989
A; Title: cDNA cloning, sequencing and expression in glucocorticoid-stimulated
A; Reference number: A32299; MUID: 89165848
A; Accession: A32299
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A;Molecule type: mRNA
A;Residues: 6-77; Pr', 80-221; 'H', 223-273; 'H', 275-346 <PHI>
A;Cross-references: GB:M24554; NID:g198761; PIDN:AAA39420.1; PID:g387403
A;Experimental source: Swiss 3T3 cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    derstood
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A;Accession: A39902
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Genomics 10, 365-374, 1991
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R;Horlick, K.R.; Cheng, I.C.; Wong, W.T.; Wakeland, E.K.; Nick, H.S.
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A; Residues: 1-346 <SAK>
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C;Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 22-Jun-1999
C;Accession: S20181, A39902, A32299
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Comment: This protein contains four homologous repeats.
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Best Local
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phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status pre
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Best Local Similarity

100.0%;

Score 22; Pred. No.

DB 1; 92;

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A;Molecule type: mRNA
A;Molecule type: mRNA
A;Residues: 1-113,'T',115-218,'NV',221-222,'T',224-296,'I',298-346 <MUE>
A;Residues: 1-113,'T',115-218,'NV',221-222,'T',224-296,'I',298-346 <MUE>
A;Residues: 1-113,'T',115-218,'NV',221-222,'T',224-296,'I',298-346 <MUE>
A;Residues: 1-113,'T',115-218,'NV',221-222,'T',224-296,'I',298-346 <MUE>
A;Residues: 1-113,'T',115-218,'NOTICE is designed as the sponge Geodia cydonium; the accession EMBL:X1698
C;Comment: The source of this sequence is now regarded by the author as contamination fx
C;Superfamily: annexin I; annexin repeat homology
C;Keywords: calcium binding; duplication; endonexin fold; glycoprotein; phospholipid bin
F;45-116/Domain: annexin repeat homology <AX1>
F;128-144/Region: endonexin fold #status predicted
F;210-272/Domain: annexin repeat homology <AX3>
F;212-228/Region: endonexin fold #status predicted
F;217/Binding site: phosphate (Tyr) (covalent) #status predicted
F;217/Binding site: phosphate (Ser) (covalent) #status predicted
F;214/Binding site: carbohydrate (Asn) (covalent) #status predicted
F;216/Binding site: phosphate (Thr) (covalent) #status predicted
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C;Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 01-Aug-1997
C;Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 01-Aug-1997
C;Accession: S13044; S14429
R;Robitzki, A.; Schroeder, H.C.; Ugarkovic, D.; Gramzow, M.; Fritsche, U.; Batel, R.; Mu Biochem. J. 271, 415-420, 1990
A;Title: CDNA structure and expression of calpactin, a peptide involved in Ca(2+)-depend A;Reference number: S13044; MUID:91054405
A;Accession: S13044; MUID:91054405
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N;Alternate names: calpactin II; lipocortin I
Search completed: July 9, 2002, 12:20:15 Job time: 225 sec
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submitted to the EMBL Data Library, October 1989
A;Reference number: S14429
A;Accession: S14429
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A; Residues: 1-346 <ROB>
A; Residues: 1-346 <ROB>
A; Note: the authors translated the codon AAA for residue 219 as Leu
A; Note: the source is designated as the sponge Geodia cydonium; the accession EMBL:X1698
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